

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100521\  
 Data File : VX024573.D  
 Acq On : 05 Oct 2021 16:02  
 Operator : JC/MD  
 Sample : M3989-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-6

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092321W.M

Title : SW846 8260

Signal : TIC: VX024573.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 1.246       | 22            | 26          | 41           | rVB      | 14080          | 27595         | 3.08%           | 0.524%        |
| 2         | 2.544       | 234           | 239         | 246          | rVB      | 5424           | 10088         | 1.13%           | 0.191%        |
| 3         | 3.123       | 325           | 334         | 346          | rBV      | 105205         | 238022        | 26.60%          | 4.518%        |
| 4         | 5.397       | 695           | 707         | 719          | rBV2     | 106089         | 303603        | 33.93%          | 5.762%        |
| 5         | 5.562       | 722           | 734         | 746          | rVV      | 163826         | 456967        | 51.07%          | 8.673%        |
| 6         | 5.964       | 789           | 800         | 813          | rBV      | 112428         | 296362        | 33.12%          | 5.625%        |
| 7         | 6.257       | 836           | 848         | 857          | rBV      | 56039          | 166604        | 18.62%          | 3.162%        |
| 8         | 6.330       | 857           | 860         | 871          | rVB3     | 4776           | 12087         | 1.35%           | 0.229%        |
| 9         | 6.769       | 921           | 932         | 944          | rBV      | 269909         | 637563        | 71.26%          | 12.101%       |
| 10        | 7.988       | 1122          | 1132        | 1142         | rBV      | 44006          | 84575         | 9.45%           | 1.605%        |
| 11        | 8.110       | 1144          | 1152        | 1160         | rVB3     | 12235          | 24974         | 2.79%           | 0.474%        |
| 12        | 8.653       | 1231          | 1241        | 1251         | rBV      | 578218         | 894755        | 100.00%         | 16.982%       |
| 13        | 10.055      | 1465          | 1471        | 1485         | rBV      | 587891         | 791501        | 88.46%          | 15.022%       |
| 14        | 11.085      | 1634          | 1640        | 1655         | rVB      | 469332         | 608216        | 67.98%          | 11.544%       |
| 15        | 12.024      | 1789          | 1794        | 1806         | rVB      | 570546         | 715877        | 80.01%          | 13.587%       |

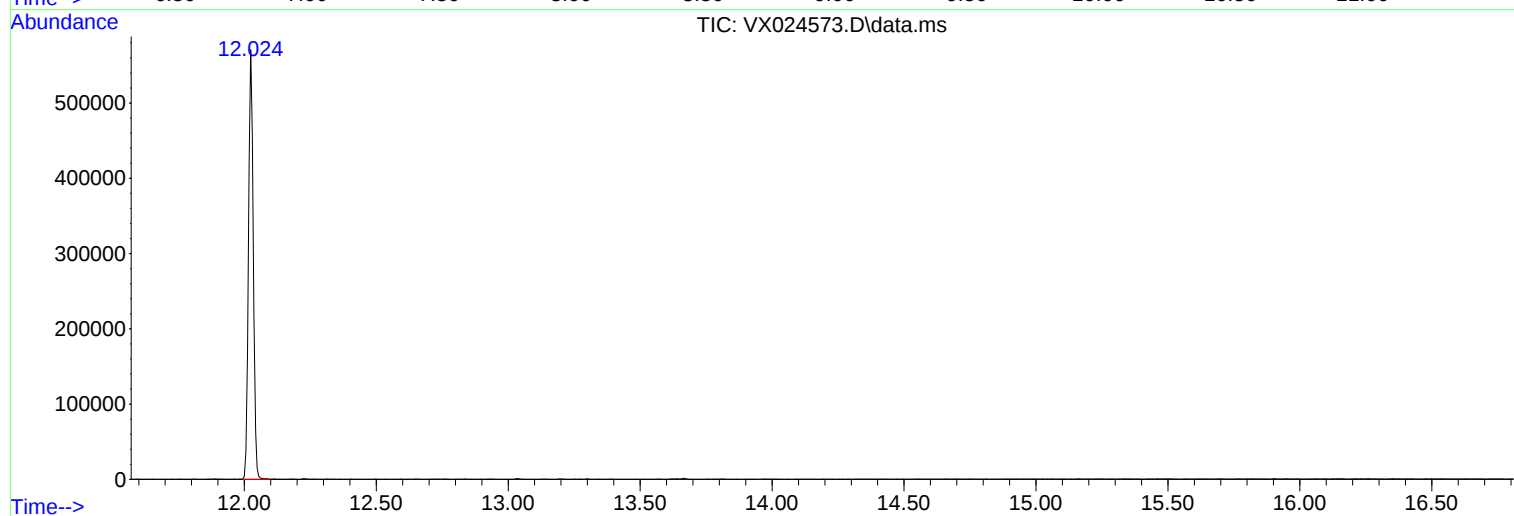
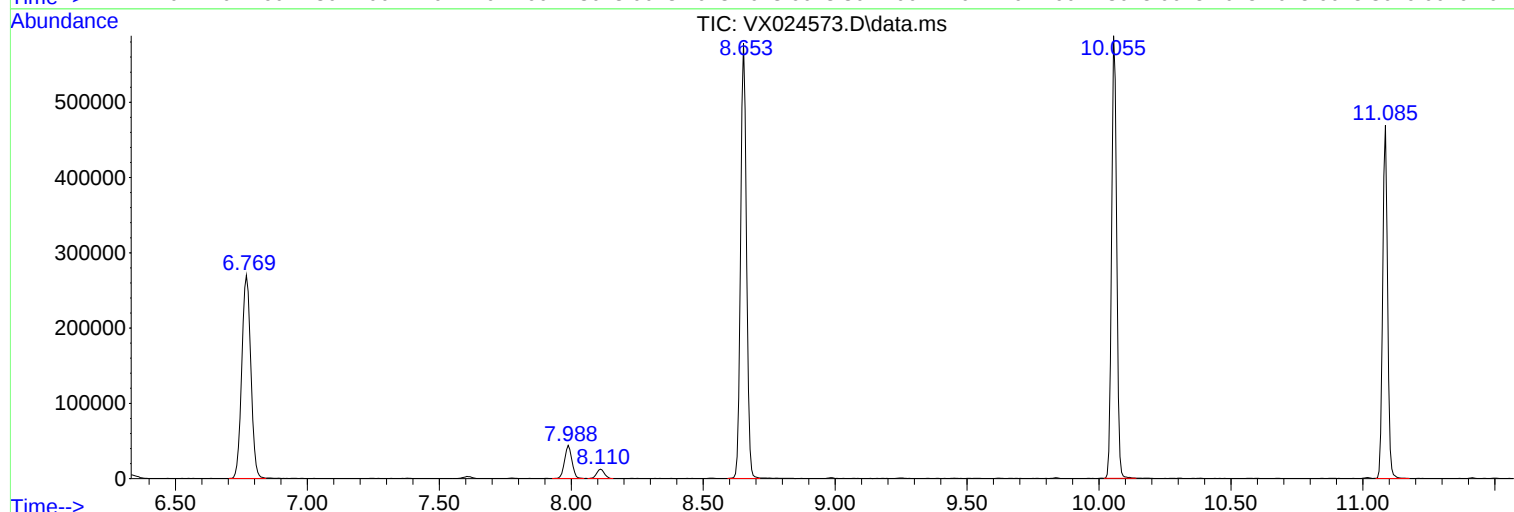
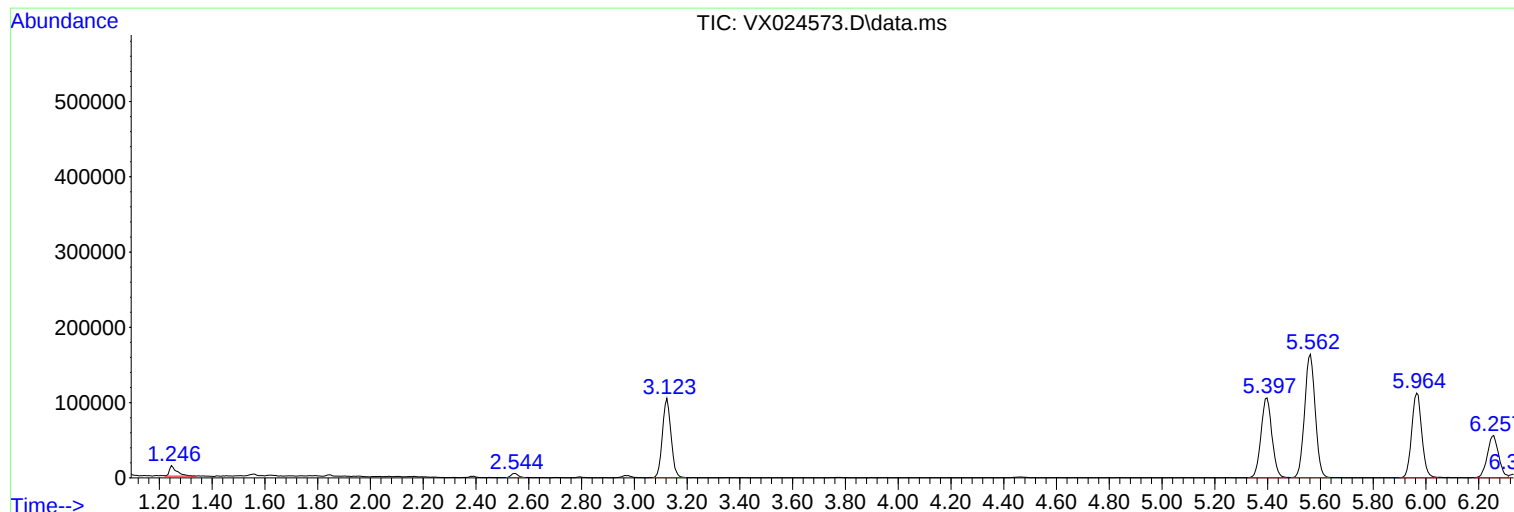
Sum of corrected areas: 5268789

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092321W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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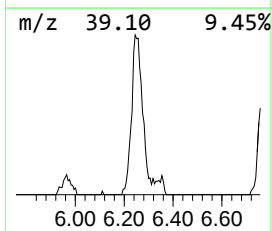
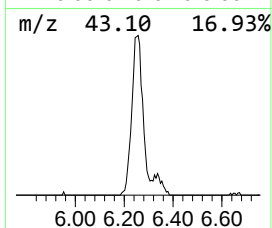
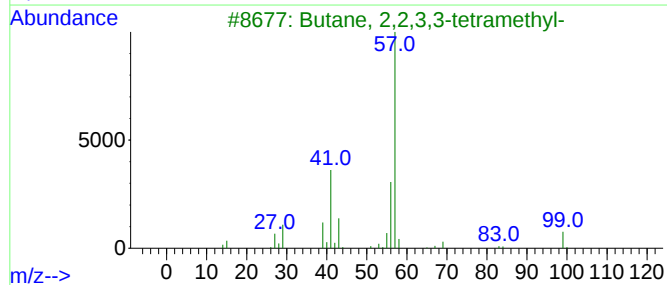
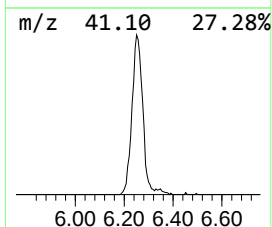
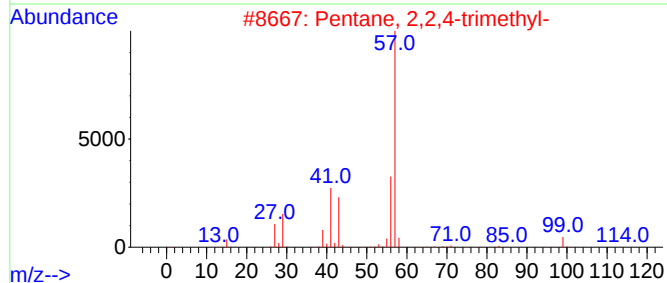
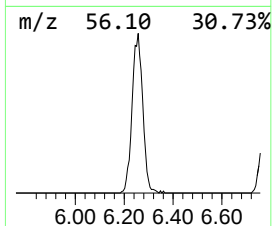
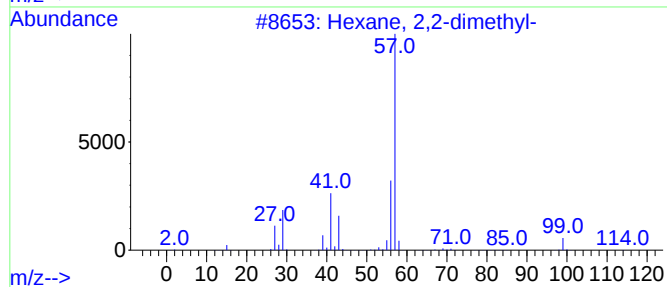
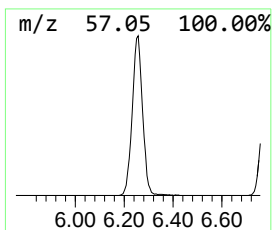
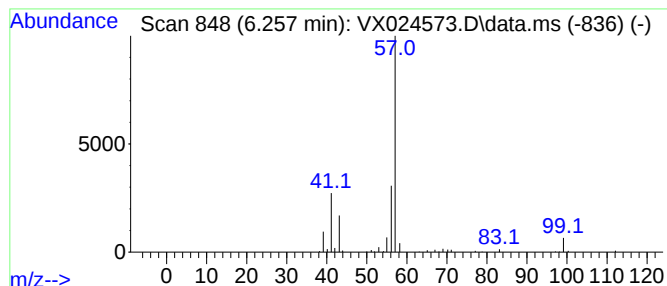
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Hexane, 2,2-dimethyl- Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD    | R.T.  |
|-------|------------|--------|---------------------|-------|
| 6.257 | 13.07 ug/l | 166604 | 1,4-Difluorobenzene | 6.769 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexane, 2,2-dimethyl-         | 114 | C8H18   | 000590-73-8 | 72   |
| 2    |    |   | Pentane, 2,2,4-trimethyl-     | 114 | C8H18   | 000540-84-1 | 72   |
| 3    |    |   | Butane, 2,2,3,3-tetramethyl-  | 114 | C8H18   | 000594-82-1 | 72   |
| 4    |    |   | Pentane, 2,2,4,4-tetramethyl- | 128 | C9H20   | 001070-87-7 | 59   |
| 5    |    |   | Hexane, 2,2,4-trimethyl-      | 128 | C9H20   | 016747-26-5 | 59   |



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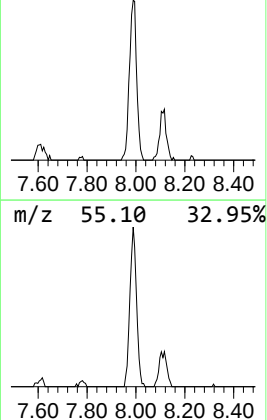
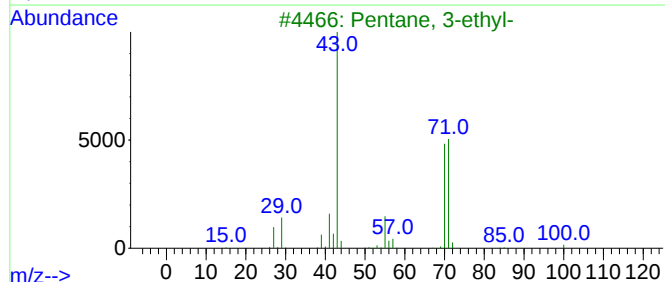
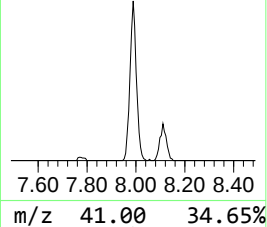
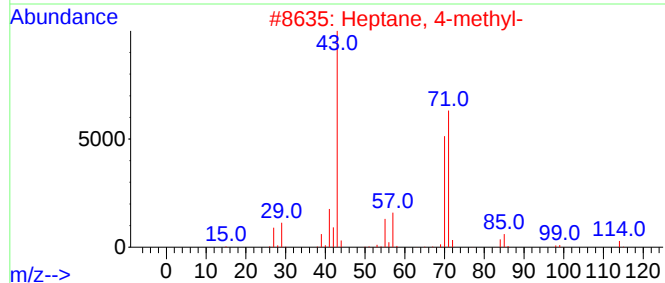
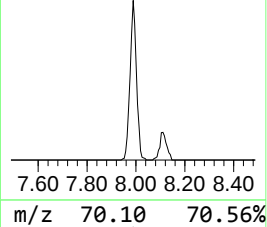
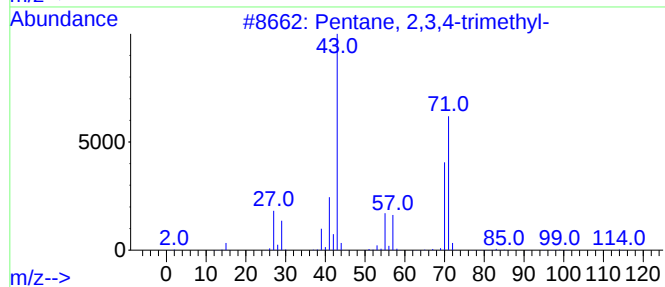
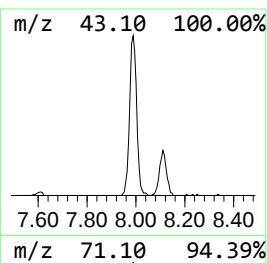
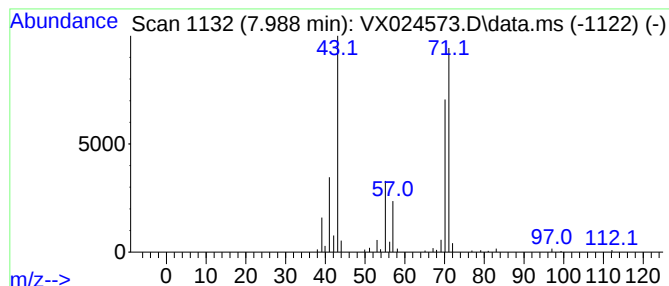
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092321W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Pentane, 2,3,4-trimethyl- Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 7.988 | 6.63 ug/l | 84575 | 1,4-Difluorobenzene | 6.769 |

| Hit# | of 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|------|---------------------------|-----|---------|-------------|------|
| 1    |      | Pentane, 2,3,4-trimethyl- | 114 | C8H18   | 000565-75-3 | 83   |
| 2    |      | Heptane, 4-methyl-        | 114 | C8H18   | 000589-53-7 | 83   |
| 3    |      | Pentane, 3-ethyl-         | 100 | C7H16   | 000617-78-7 | 83   |
| 4    |      | Hexane, 3,3,4-trimethyl-  | 128 | C9H20   | 016747-31-2 | 64   |
| 5    |      | Decane, 3,3,4-trimethyl-  | 184 | C13H28  | 049622-18-6 | 64   |



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Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092321W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| Hexane, 2,2-dim... | 6.257 | 13.1    | ug/l  | 166604   | 2                     | 6.769 | 637563 | 50.0 |
| Pentane, 2,3,4-... | 7.988 | 6.6     | ug/l  | 84575    | 2                     | 6.769 | 637563 | 50.0 |